

Introduction

The FDO User Management Utility is an API used to manage FDO users.

The User Management API lets you manage database users and accounts consistently across database management systems. A database FDO provider connection is established, then you can perform provider-specific tasks, including:

- Adding, dropping, or listing users.
- Assigning, revoking, or listing roles and privileges.
- Granting, revoking, and listing access to data stores.

For more information on the FDO API and providers, see the the FDO API Help and individual provider API Help.

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Autodesk FDO Data Management Utility

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DbUserReader Class Reference

[List of all members.](#)

Detailed Description

Definition at line [32](#) of file [mgDbUserReader.h](#).

Public Member Functions

System::String * [GetDomain](#) ()

Get the Windows domain name. Empty if not SQL Server Windows authenticated user.

System::String * [GetName](#) ()

Get the user name.

NAMESPACE_OSGEO_COMMON::StringCollection * [GetRolesOrPrivileges](#) ()

NAMESPACE_OSGEO_COMMON::StringCollection * [GetRolesOrPrivileges](#) (System::String *dataStore)

List of the roles or privileges assigned to the user.

System::Boolean [ReadNext](#) ()

Advances the reader to the next item and returns true if there is another object to read or false if reading is complete. The default position of the reader is prior to the first item. Thus you must call ReadNext to begin accessing any data.

Protected Member Functions

System::Void [ReleaseUnmanagedObject](#) ()

[Comments?](#)

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IUserManagerImp Class Reference

[List of all members.](#)

Detailed Description

Definition at line [34](#) of file [mgIUserManagerImp.h](#).

Public Member Functions

System:

System:

System:

System:

NAMESPACE_OSGEO_COMMON::StringCollec

NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserRe:

NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserRe:
NAMESPACE_OSGEO_COMMON::StringCollec

System:

System:

System:

System:

System::Bo

System::Bo

Protected Member Functions

System::Void [ReleaseUnmanagedObject](#) ()

[Comments?](#)

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ObjectFactory Class Reference

[List of all members.](#)

Detailed Description

Definition at line [31](#) of file [mgObjectFactory.h](#).

Static Public Member Functions

static NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbU;

[Comments?](#)

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Here is a list of all class members with links to the classes they belong to:

- AddUser() : [IUserManagerImp](#)
- ApplyWindowsUser() : [IUserManagerImp](#)
- AssignRoleOrPrivilege() : [IUserManagerImp](#)
- CreateDbUserReader() : [ObjectFactory](#)
- DropUser() : [IUserManagerImp](#)
- GetDatastores() : [IUserManagerImp](#)
- GetDbUsers() : [IUserManagerImp](#)
- GetDomain() : [DbUserReader](#)
- GetName() : [DbUserReader](#)
- GetRolesOrPrivileges() : [DbUserReader](#) , [IUserManagerImp](#) , [DbUserReader](#)
- GrantAccessToDatastore() : [IUserManagerImp](#)
- IUserManagerImp() : [IUserManagerImp](#)
- ReadNext() : [DbUserReader](#)
- ReleaseUnmanagedObject() : [IUserManagerImp](#) , [DbUserReader](#)
- RevokeAccessToDatastore() : [IUserManagerImp](#)
- RevokeRoleOrPrivilege() : [IUserManagerImp](#)
- SupportsDatastoreGrants() : [IUserManagerImp](#)
- SupportsWindowsAuthentication() : [IUserManagerImp](#)

System Namespace Reference

[Comments?](#)

System::Collections Namespace Reference

[Comments?](#)

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define_pages.h File Reference

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[Comments?](#)

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mgDbUserReader.h File Reference

This graph shows which files directly or indirectly include this file:



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Classes

class [DbUserReader](#)

[Comments?](#)

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mgIUserManager.h File Reference

This graph shows which files directly or indirectly include this file:



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Functions

System:

System:

System:

System:

NAMESPACE_OSGEO_COMMON::StringCollec

NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserRe:

NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserRe:

NAMESPACE_OSGEO_COMMON::StringCollec

System:

System:

System:

System:

System::Bc

Variables

BEGIN_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR [IU](#)
public __gc __interface

[Comments?](#)

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mgIUserManagerImp.h File Reference

Include dependency graph for mgIUserManagerImp.h:



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Classes

class [IUserManagerImp](#)

[Comments?](#)

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mgObjectFactory.h File Reference

Include dependency graph for mgObjectFactory.h:



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Classes

class [ObjectFactory](#)

[Comments?](#)

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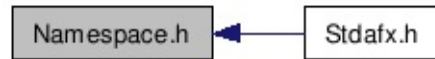
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Namespace.h File Reference

This graph shows which files directly or indirectly include this file:



[Go to the source code of this file.](#)

Defines

```
#define BEGIN\_NAMESPACE\_AUTODESK\_FDO namespace Autodesk { na
#define BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO BEGIN_NAMESPAC
#define BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES BEGIN
#define BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
namespace UserMgr {
#define END\_NAMESPACE\_AUTODESK\_FDO }}
#define END\_NAMESPACE\_AUTODESK\_FDO\_FDO }}}
#define END\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES }}}
#define END\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
#define NAMESPACE\_AUTODESK\_FDO\_FDO Autodesk::Fdo::Fdo
#define NAMESPACE\_AUTODESK\_FDO\_FDO\_PROVIDERS NAMESPACE
#define NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES NAMESPACE
#define NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR N
```


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resource.h File Reference

[Go to the source code of this file.](#)

[Comments?](#)

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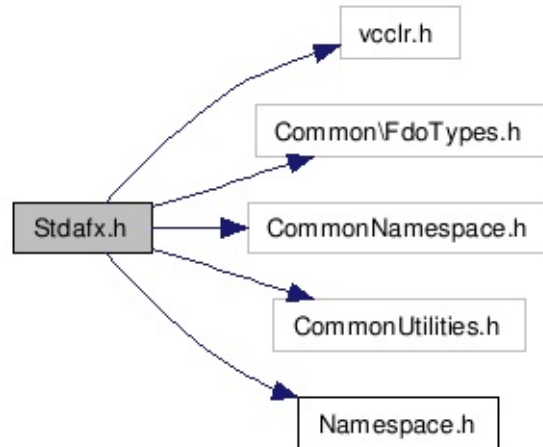
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Stdafx.h File Reference

Include dependency graph for Stdafx.h:



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Namespaces

namespace [System](#)

namespace [System::Collections](#)

Defines

#define [_CRT_SECURE_NO_DEPRECATED](#)

#define [NULL](#) 0

[Comments?](#)

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Here is a list of all file members with links to the files they belong to:

- `_CRT_SECURE_NO_DEPRECATED` : [Stdafx.h](#)
 - `AddUser()` : [mgIUserManager.h](#)
 - `ApplyWindowsUser()` : [mgIUserManager.h](#)
 - `AssignRoleOrPrivilege()` : [mgIUserManager.h](#)
 - `BEGIN_NAMESPACE_AUTODESK_FDO` : [Namespace.h](#)
 - `BEGIN_NAMESPACE_AUTODESK_FDO_FDO` : [Namespace.h](#)
 - `BEGIN_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES` : [Namespace.h](#)
 - `BEGIN_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR` : [Namespace.h](#)
 - `DropUser()` : [mgIUserManager.h](#)
 - `END_NAMESPACE_AUTODESK_FDO` : [Namespace.h](#)
 - `END_NAMESPACE_AUTODESK_FDO_FDO` : [Namespace.h](#)
 - `END_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES` : [Namespace.h](#)
 - `END_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR` : [Namespace.h](#)
 - `GetDatastores()` : [mgIUserManager.h](#)
 - `GetDbUsers()` : [mgIUserManager.h](#)
 - `GetRolesOrPrivileges()` : [mgIUserManager.h](#)
 - `GrantAccessToDatastore()` : [mgIUserManager.h](#)
 - `IUserManager` : [mgIUserManager.h](#)
 - `NAMESPACE_AUTODESK_FDO_FDO` : [Namespace.h](#)
 - `NAMESPACE_AUTODESK_FDO_FDO_PROVIDERS` : [Namespace.h](#)
 - `NAMESPACE_AUTODESK_FDO_FDO_UTILITIES` : [Namespace.h](#)
 - `NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR` : [Namespace.h](#)
 - `NULL` : [Stdafx.h](#)
 - `RevokeAccessToDatastore()` : [mgIUserManager.h](#)
 - `RevokeRoleOrPrivilege()` : [mgIUserManager.h](#)
 - `SupportsWindowsAuthentication()` : [mgIUserManager.h](#)
-

[Comments?](#)

FDO User Management Utility API Reference Namespace List

Here is a list of all namespaces with brief descriptions:

[System](#)

[System::Collections](#)

[Comments?](#)

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FDO User Management Utility API

Reference Class Index

[D](#) | [I](#) | [O](#)

D	I	IUserManagerImp	O	ObjectFactory
DbUserReader				

[D](#) | [I](#) | [O](#)

[Comments?](#)

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FDO User Management Utility API Reference File List

Here is a list of all files with brief descriptions:

[define_pages.h](#) [code]

[mgDbUserReader.h](#) [code]

[mgIUserManager.h](#) [code]

[mgIUserManagerImp.h](#) [code]

[mgObjectFactory.h](#) [code]

[Namespace.h](#) [code]

[resource.h](#) [code]

[Stdafx.h](#) [code]

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FDO User Management Utility API Reference Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

[DbUserReader](#)

[IUserManagerImp](#)

[ObjectFactory](#)

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DbUserReader Member List

This is the complete list of members for [DbUserReader](#), including all inherited members.

GetDomain()	DbUserReader
GetName()	DbUserReader
GetRolesOrPrivileges(System::String *dataStore)	DbUserReader
GetRolesOrPrivileges()	DbUserReader
ReadNext()	DbUserReader
ReleaseUnmanagedObject()	DbUserReader [protected]

[Comments?](#)

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mgDbUserReader.h

[Go to the documentation of this file.](#)

```
00001 /*
00002  * Copyright (C) 2004-2006 Autodesk, Inc.
00003  *
00004  * This library is free software; you can redistribute it and/
00005  * modify it under the terms of version 2.1 of the GNU Lesser
00006  * General Public License as published by the Free Software Fo
00007  *
00008  * This library is distributed in the hope that it will be use
00009  * but WITHOUT ANY WARRANTY; without even the implied warranty
00010  * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See t
00011  * Lesser General Public License for more details.
00012  *
00013  * You should have received a copy of the GNU Lesser General P
00014  * License along with this library; if not, write to the Free
00015  * Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016  *
00017  * Revision Control Modification History
00018  *
00019  *      $Id: //Providers/Utilities/UserMgr/inc/Utilities/Us
00020  *      $Author: ds $
00021  *      $DateTime: 2005/12/05 11:20:19 $
00022  *      $Change: 9547 $
00023  *
00024  */
00025
00026 #pragma once
00027
00028 class FdoDbUserReader;
00029
00030 BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
00031
00032 public __gc class DbUserReader : public NAMESPACE_OSGEO_RUNTIM
00033 {
00034 public:
00035     /// <summary>Advances the reader to the next item and retu
00036     /// another object to read or false if reading is complete
00037     /// position of the reader is prior to the first item. Thu
00038     /// call ReadNext to begin accessing any data.</summary>
00039     /// <returns>Returns true if there is a next item.</return
00040     System::Boolean ReadNext();
00041
00042     /// <summary> Get the user name. </summary>
```

```

00043    ///GetName();
00045
00046    ///GetDomain();
00049
00050    ///GetRolesOrPrivil
00053    NAMESPACE_OSGEO_COMMON::StringCollection* GetRolesOrPrivil
00054
00055 public private:
00056     DbUserReader(System::IntPtr unmanaged, System::Boolean aut
00057
00058     inline FdoDbUserReader* GetImpObj();
00059
00060 protected:
00061     System::Void ReleaseUnmanagedObject();
00062 };
00063
00064 END NAMESPACE AUTODESK FDO FDO UTILITIES USERMGR

```

[DbUserReader](#)

[GetDomain](#)

System::String*
DbUserReader::GetDomain ()

[GetName](#)[GetRolesOrPrivileges](#)[GetRolesOrPrivileges](#)

Get the Windows domain name. Empty if not SQL Server Windows authenticated user.

[ReadNext](#)**Returns:**[ReleaseUnmanagedObject](#)

Returns the Windows domain name.

[DbUserReader](#)

[GetDomain](#)

System::String*
DbUserReader::GetName ()

[GetName](#)[GetRolesOrPrivileges](#)

Get the user name.

[GetRolesOrPrivileges](#)[ReadNext](#)**Returns:**[ReleaseUnmanagedObject](#)

Returns the name of the user.

[DbUserReader](#)

[GetDomain](#)

[GetName](#)

[GetRolesOrPrivileges](#)

NAMESPACE_OSGEO_COMMON::StringCollecti
DbUserReader::GetRolesOrPrivileges

[GetRolesOrPrivileges](#)

[ReadNext](#)

[ReleaseUnmanagedObject](#)

DbUserReader

[GetDomain](#)

NAMESPACE_OSGEO_COMMON::StringCollecti

[GetName](#)

DbUserReader::GetRolesOrPrivileges

[GetRolesOrPrivileges](#)

List of the roles or privileges assigned to the user.

[GetRolesOrPrivileges](#)[ReadNext](#)**Returns:**[ReleaseUnmanagedObject](#)

Returns the collection of roles or privileges.

[DbUserReader](#)

System::Boolean
DbUserReader::ReadNext ()

[GetDomain](#)

[GetName](#)

[GetRolesOrPrivileges](#)

[GetRolesOrPrivileges](#)

[ReadNext](#)

[ReleaseUnmanagedObject](#)

Advances the reader to the next item and returns true if there is another object to read or false if reading is complete. The default position of the reader is prior to the first item. Thus you must call ReadNext to begin accessing any data.

Returns:

Returns true if there is a next item.

[DbUserReader](#)

[GetDomain](#)[GetName](#)[GetRolesOrPrivileges](#)

System::Void

[GetRolesOrPrivileges](#)

DbUserReader::ReleaseUnmanagedObject () [pro

[ReadNext](#)[ReleaseUnmanagedObject](#)

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IUserManagerImp Member List

This is the complete list of members for [IUserManagerImp](#), including all inherited members.

[AddUser](#)(System::String *name, System::String *password)
[ApplyWindowsUser](#)(System::String *domain, System::String *name)
[AssignRoleOrPrivilege](#)(System::String *name, System::String *roleOrPrivilege)
[DropUser](#)(System::String *name)
[GetDatastores](#)(System::Boolean includeAllDataStores)
[GetDbUsers](#)()
[GetDbUsers](#)(System::String *dataStore)
[GetRolesOrPrivileges](#)()
[GrantAccessToDatastore](#)(System::String *name, System::String *dataStore)
[GrantAccessToDatastore](#)(System::String *name, System::String *dataStore, System::String *roleOrPrivilege)
[IUserManagerImp](#)(NAMESPACE_OSGEO_FDO_CONNECTIONS::IConnectic *connection)
[ReleaseUnmanagedObject](#)()
[RevokeAccessToDatastore](#)(System::String *name, System::String *dataStore, System::String *roleOrPrivilege)
[RevokeRoleOrPrivilege](#)(System::String *name, System::String *roleOrPrivilege)
[SupportsDatastoreGrants](#)()
[SupportsWindowsAuthentication](#)()

[Comments?](#)

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mgIUserManagerImp.h

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```
00001 /*
00002  * Copyright (C) 2004-2006 Autodesk, Inc.
00003  *
00004  * This library is free software; you can redistribute it and/
00005  * modify it under the terms of version 2.1 of the GNU Lesser
00006  * General Public License as published by the Free Software Fo
00007  *
00008  * This library is distributed in the hope that it will be use
00009  * but WITHOUT ANY WARRANTY; without even the implied warranty
00010  * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See t
00011  * Lesser General Public License for more details.
00012  *
00013  * You should have received a copy of the GNU Lesser General P
00014  * License along with this library; if not, write to the Free
00015  * Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016  *
00017  * Revision Control Modification History
00018  *
00019  *      $Id: //Providers/Utilities/UserMgr/inc/Utilities/Us
00020  *      $Author: ds $
00021  *      $DateTime: 2005/12/05 11:20:19 $
00022  *      $Change: 9547 $
00023  *
00024  */
00025
00026 #pragma once
00027
00028 #include "mgIUserManager.h"
00029
00030 class FdoUserManager;
00031
00032 BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
00033
00034 public __gc class IUserManagerImp : public NAMESPACE_OSGEO_RUN
00035 {
00036 public:
00037     /// <summary> Creates an instance of this class can be use
00038     /// <param name="connection">Input the connection </param>
00039     /// <returns> Returns an instance of this class <\returns>
00040     IUserManagerImp(NAMESPACE_OSGEO_FDO_CONNECTIONS::IConnecti
00041
00042     /// <summary> SQL Server and MySQL use explicit grants to
```

```

00043    ///SupportsDatastoreGrants();
00045
00046    ///SupportsWindowsAuthentication();
00049
00050    ///AddUser( System::String* name, System::String
00055
00056    ///ApplyWindowsUser(System::String* domain, Syst
00061
00062    ///DropUser(System::String* name);
00066
00067    ///AssignRoleOrPrivilege(System::String* name, S
00072
00073    ///RevokeRoleOrPrivilege(System::String* name, S
00078
00079    ///GrantAccessToDatastore(System::String* name,
00084
00085    ///GrantAccessToDatastore(System::String* name,
00091
00092    ///

```



```

00093    /// <param name="name">Input the user name</param>
00094    /// <param name="dataStore">Input the dataStore name</para
00095    /// <param name="roleOrPrivilege">Input the privilege name
00096    /// <returns> Returns nothing <\returns>
00097    System::Void RevokeAccessToDatastore(System::String* name,
00098
00099    /// <summary> Gets a reader over all RDBMS users. <\summr
00100    /// <returns> Returns the reader <\returns>
00101    NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserReader
00102
00103    /// <summary> Supported by SQL Server and MySQL. Gets a re
00104    /// <param name="dataStore">Input the dataStore name</para
00105    /// <returns> Returns the reader <\returns>
00106    NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR::DbUserReader
00107
00108    /// <summary> Gets the list of the datastores. <\summary>
00109    /// <returns> Returns the list of datastores <\returns>
00110    NAMESPACE_OSGEO_COMMON::StringCollection* GetDatastores(Sy
00111
00112    /// <summary> Gets the list of supported Roles or Privileg
00113    /// <returns> Returns the list of supported Roles or Privi
00114    NAMESPACE_OSGEO_COMMON::StringCollection* GetRolesOrPrivil
00115
00116 protected:
00117     System::Void ReleaseUnmanagedObject();
00118
00119 public private:
00120     inline FdoUserManager* GetImpObj();
00121 };
00122
00123 END NAMESPACE AUTODESK FDO FDO UTILITIES USERMGR
00124

```

[IUserManagerImp](#)

[AddUser](#)

System::Void

[ApplyWindowsUser](#)

IUserManagerImp::AddUser (

System::String

[AssignRoleOrPrivilege](#)

System::String

[DropUser](#)

*

[GetDatastores](#)

)

[GetDbUsers](#)

Adds a new user to the RDBMS. <>

[GetDbUsers](#)[GetRolesOrPrivileges](#)**Parameters:***name* Input the user name*password* Input the user's password[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)**Returns:**

Returns nothing <.

[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)**Returns:**

>

[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

[IUserManagerImp](#)

[AddUser](#)System::Void
IUserManagerImp::ApplyWindowsUser (Sys[ApplyWindowsUser](#)

IUserManagerImp::ApplyWindowsUser (*

[AssignRoleOrPrivilege](#)

Sys

[DropUser](#)

*

[GetDatastores](#)

)

[GetDbUsers](#)

Supported by SQL Server. Adds a Windows us

[GetDbUsers](#)[GetRolesOrPrivileges](#)**Parameters:**[GrantAccessToDatastore](#)*domain* Input the Windows domain nam[GrantAccessToDatastore](#)*name* Input the user name[IUserManagerImp](#)[ReleaseUnmanagedObject](#)**Returns:**[RevokeAccessToDatastore](#)

Returns nothing <.

[RevokeRoleOrPrivilege](#)**Returns:**[SupportsDatastoreGrants](#)

>

[SupportsWindowsAuthentication](#)

[IUserManagerImp](#)

AddUser	System::Void	(S
ApplyWindowsUser	IUserManagerImp::AssignRoleOrPrivilege	(*
AssignRoleOrPrivilege		S
DropUser		*
GetDatastores)
GetDbUsers	Supported by Oracle. Assigns a role to the spe	
GetDbUsers		
GetRolesOrPrivileges	Parameters:	
GrantAccessToDatastore	<i>name</i>	Input the user name
GrantAccessToDatastore	<i>roleOrPrivilege</i>	Input the role name.
IUserManagerImp	Returns:	
ReleaseUnmanagedObject	Returns nothing <.	
RevokeAccessToDatastore	Returns:	
RevokeRoleOrPrivilege	>	
SupportsDatastoreGrants		
SupportsWindowsAuthentication		

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Void
IUserManagerImp::DropUser (System::String *)

Removes an user from RDBMS. <>

Parameters:

name Input the user name

Returns:

Returns nothing <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

NAMESPACE_OSGEO_COMMON::StringC
IUserManagerImp::GetDatastores

Gets the list of the datastores. <>

Returns:

Returns the list of datastores <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

NAMESPACE_AUTODESK_FDO_FDO_UT
IUserManagerImp::GetDbUsers

Supported by SQL Server and MySQL. Gets a

Parameters:

dataStore Input the dataStore name

Returns:

Returns the reader <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

NAMESPACE_AUTODESK_FDO_FDO_UT
IUserManagerImp::GetDbUsers

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

NAMESPACE_OSGEO_COMMON::StringC
IUserManagerImp::GetRolesOrPrivileges

Gets the list of supported Roles or Privileges. ·

Returns:

Returns the list of supported Roles or Priv

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Void
IUserManagerImp::GrantAccessToDatastore (

Supported by SQL Server and MySQL. Grants
specified privilege. <>

Parameters:

name Input the user name

dataStore Input the dataStore name

roleOrPrivilege Input the privilege name

Returns:

Returns nothing <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Void

IUserManagerImp::GrantAccessToDatastore (

Supported by SQL Server and MySQL. Grants
dataStore with the default privileges. <>

Parameters:*name* Input the user name*dataStore* Input the dataStore name**Returns:**

Returns nothing <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

IUserManagerImp::IUserManagerImp (^{NAM}_{*}

Creates an instance of this class can be used to

Parameters:

connection Input the connection

Returns:

Returns an instance of this class <.

Returns:

>

[IUserManagerImp](#)

System::Void

IUserManagerImp::RevokeAccessToDatastore

[AddUser](#)

[ApplyWindowsUser](#)

[AssignRoleOrPrivilege](#)

[DropUser](#)

[GetDatastores](#)

[GetDbUsers](#)

[GetDbUsers](#)

[GetRolesOrPrivileges](#)

[GrantAccessToDatastore](#)

[GrantAccessToDatastore](#)

[IUserManagerImp](#)

[ReleaseUnmanagedObject](#)

[RevokeAccessToDatastore](#)

[RevokeRoleOrPrivilege](#)

[SupportsDatastoreGrants](#)

[SupportsWindowsAuthentication](#)

Supported by SQL Server and MySQL. Revoke access to the database. <>

Parameters:

name Input the user name

dataStore Input the dataStore name

roleOrPrivilege Input the privilege name

Returns:

Returns nothing <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)

System::Void

[ApplyWindowsUser](#)

IUserManagerImp::RevokeRoleOrPrivilege (

[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)

Supported by Oracle. Revokes a role from the

[GetRolesOrPrivileges](#)**Parameters:**[GrantAccessToDatastore](#)*name* Input the user name[GrantAccessToDatastore](#)*roleOrPrivilege* Input the role name.[IUserManagerImp](#)[ReleaseUnmanagedObject](#)**Returns:**

Returns nothing <.

[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)**Returns:**

>

[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Boolean

IUserManagerImp::SupportsDatastoreGrants (

SQL Server and MySQL use explicit grants to datastores. <>

Returns:

Returns true if the RDBMS use explicit grants <.

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Boolean

IUserManagerImp::SupportsWindowsAuthent

SQL Server can use Windows authenticated us

Returns:

Returns true if the RDBMS use Windows authenticated users.<

Returns:

>

[IUserManagerImp](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManagerImp](#)[ReleaseUnmanagedObject](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsDatastoreGrants](#)[SupportsWindowsAuthentication](#)

System::Void

IUserManagerImp::ReleaseUnmanagedObject

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ObjectFactory Member List

This is the complete list of members for [ObjectFactory](#), including all inherited members.

[CreateDbUserReader](#)(System::IntPtr ptr,
System::Boolean autoDispose)

[ObjectFactory](#) [static]

[Comments?](#)

.NET API Reference

Autodesk FDO Data Management Utility

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mgObjectFactory.h

[Go to the documentation of this file.](#)

```
00001 /*
00002  * Copyright (C) 2004-2006 Autodesk, Inc.
00003  *
00004  * This library is free software; you can redistribute it and/o
00005  * modify it under the terms of version 2.1 of the GNU Lesser
00006  * General Public License as published by the Free Software Fou
00007  *
00008  * This library is distributed in the hope that it will be usef
00009  * but WITHOUT ANY WARRANTY; without even the implied warranty
00010  * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See th
00011  * Lesser General Public License for more details.
00012  *
00013  * You should have received a copy of the GNU Lesser General Pu
00014  * License along with this library; if not, write to the Free S
00015  * Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 0
00016  * Revision Control Modification History
00017  *
00018  *      $Id$
00019  *      $Author$
00020  *      $DateTime$
00021  *      $Change$
00022  *
00023  */
00024
00025 #pragma once
00026
00027 #include "mgDbUserReader.h"
00028
00029 BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
00030
00031 public \_\_gc \_\_sealed class ObjectFactory
00032 {
00033     public:
00034         static NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR::DbUse
00035
00036     private:
00037         ObjectFactory(){}
00038 };
00039
00040 END\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
```

[Comments?](#)

[ObjectFactory](#)

static

NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_U

ObjectFactory::CreateDbUserReader

[CreateDbUserReader](#)

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- AddUser() : [IUserManagerImp](#)
- ApplyWindowsUser() : [IUserManagerImp](#)
- AssignRoleOrPrivilege() : [IUserManagerImp](#)
- CreateDbUserReader() : [ObjectFactory](#)
- DropUser() : [IUserManagerImp](#)
- GetDatastores() : [IUserManagerImp](#)
- GetDbUsers() : [IUserManagerImp](#)
- GetDomain() : [DbUserReader](#)
- GetName() : [DbUserReader](#)
- GetRolesOrPrivileges() : [DbUserReader](#) , [IUserManagerImp](#) , [DbUserReader](#)
- GrantAccessToDatastore() : [IUserManagerImp](#)
- IUserManagerImp() : [IUserManagerImp](#)
- ReadNext() : [DbUserReader](#)
- ReleaseUnmanagedObject() : [IUserManagerImp](#) , [DbUserReader](#)
- RevokeAccessToDatastore() : [IUserManagerImp](#)
- RevokeRoleOrPrivilege() : [IUserManagerImp](#)
- SupportsDatastoreGrants() : [IUserManagerImp](#)
- SupportsWindowsAuthentication() : [IUserManagerImp](#)

.NET API Reference

Autodesk FDO Data Management Utility

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[File List](#)[File Members](#)

define_pages.h

[Go to the documentation of this file.](#)

```
00001 /*! \mainpage Introduction
00002 <div class="mainpage">
00003 <!-- This is the index.html page that the user first sees. -->
00004
00005 <p>The FDO User Management Utility is an API used to manage FD
00006 </p>
00007
00008 <p>The User Management API lets you manage database users and
00009 consistently across database management systems. A database FD
00010 connection is established, then you can perform provider-speci
00011 including:
00012 </p>
00013 <ul>
00014 <li>Adding, dropping, or listing users.</li>
00015 <li>Assigning, revoking, or listing roles and privileges.</li>
00016 <li>Granting, revoking, and listing access to data stores.</li>
00017 </ul>
00018
00019 <p>For more information on the FDO API and providers, see the
00020 the FDO API Help and individual provider API Help.
00021 </p>
00022
00023
00024 <br>
00025 </div>
00026
00027 <br>
00028
00029 */
00030
00031
00032
00033
```

.NET API Reference

Autodesk FDO Data Management Utility

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mgIUserManager.h

[Go to the documentation of this file.](#)

```
00001 /*
00002  * Copyright (C) 2004-2006 Autodesk, Inc.
00003  *
00004  * This library is free software; you can redistribute it and/
00005  * modify it under the terms of version 2.1 of the GNU Lesser
00006  * General Public License as published by the Free Software Fo
00007  *
00008  * This library is distributed in the hope that it will be use
00009  * but WITHOUT ANY WARRANTY; without even the implied warranty
00010  * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See t
00011  * Lesser General Public License for more details.
00012  *
00013  * You should have received a copy of the GNU Lesser General P
00014  * License along with this library; if not, write to the Free
00015  * Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016  *
00017  * Revision Control Modification History
00018  *
00019  *      $Id: //Providers/Utilities/UserMgr/inc/Utilities/Us
00020  *      $Author: ds $
00021  *      $DateTime: 2005/12/05 11:20:19 $
00022  *      $Change: 9547 $
00023  *
00024  */
00025
00026 #pragma once
00027
00028 BEGIN\_NAMESPACE\_AUTODESK\_FDO\_FDO\_UTILITIES\_USERMGR
00029
00030 public __gc __interface IUserManager : public System::IDisposa
00031 {
00032 public:
00033     /// <summary> SQL Server and MySQL use explicit grants to
00034     /// <returns> Returns true if the RDBMS use explicit grant
00035     System::Boolean SupportsDatastoreGrants\(\);
00036
00037     /// <summary> SQL Server can use Windows authenticated use
00038     /// <returns> Returns true if the RDBMS use Windows authen
00039     System::Boolean SupportsWindowsAuthentication\(\);
00040
00041     /// <summary> Adds a new user to the RDBMS. <\summary>
00042     /// <param name="name">Input the user name</param>
```

```

00043    /// <param name="password">Input the user's password </par
00044    /// <returns> Returns nothing <\returns>
00045    System::Void AddUser( System::String* name, System::String
00046
00047    /// <summary> Supported by SQL Server. Adds a Windows user
00048    /// <param name="domain">Input the Windows domain name</pa
00049    /// <param name="name">Input the user name</param>
00050    /// <returns> Returns nothing <\returns>
00051    System::Void ApplyWindowsUser(System::String* domain, Syst
00052
00053    /// <summary> Removes a user from the RDBMS. <\summary>
00054    /// <param name="name">Input the user name</param>
00055    /// <returns> Returns nothing <\returns>
00056    System::Void DropUser(System::String* name);
00057
00058    /// <summary> Supported by Oracle. Assigns a role to the s
00059    /// <param name="name">Input the user name</param>
00060    /// <param name="roleOrPrivilege">Input the role name. </p
00061    /// <returns> Returns nothing <\returns>
00062    System::Void AssignRoleOrPrivilege(System::String* name, S
00063
00064    /// <summary> Supported by Oracle. Revokes a role from the
00065    /// <param name="name">Input the user name</param>
00066    /// <param name="roleOrPrivilege">Input the role name. </p
00067    /// <returns> Returns nothing <\returns>
00068    System::Void RevokeRoleOrPrivilege(System::String* name, S
00069
00070    /// <summary> Supported by SQL Server and MySQL. Grants ex
00071    /// <param name="name">Input the user name</param>
00072    /// <param name="dataStore">Input the dataStore name</para
00073    /// <returns> Returns nothing <\returns>
00074    System::Void GrantAccessToDatastore(System::String* name,
00075
00076    /// <summary> Supported by SQL Server and MySQL. Grants ac
00077    /// <param name="name">Input the user name</param>
00078    /// <param name="dataStore">Input the dataStore name</para
00079    /// <param name="roleOrPrivilege">Input the privilege name
00080    /// <returns> Returns nothing <\returns>
00081    System::Void GrantAccessToDatastore(System::String* name,
00082
00083    /// <summary> Supported by SQL Server and MySQL. Revokes a
00084    /// If roleOrPrivilege is set to '*', all roles or privile
00085    /// this will also remove the user from that datastore.<\s
00086    /// <param name="name">Input the user name</param>
00087    /// <param name="dataStore">Input the dataStore name</para
00088    /// <param name="roleOrPrivilege">Input the privilege name
00089    /// <returns> Returns nothing <\returns>
00090    System::Void RevokeAccessToDatastore(System::String* name,
00091
00092    /// <summary> Gets a reader over all RDBMS users. <\summar

```

```
00093    ///GetDatastores(Sy
00104
00105    ///GetRolesOrPrivil
00108 };
00109
00110 END NAMESPACE AUTODESK FDO FDO UTILITIES USERMGR
00111
```

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void AddUser ( System::String name,  
                      * System::String password  
                      *)
```

Adds a new user to the RDBMS. <>

Parameters:

name Input the user name
password Input the user's password

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void  
ApplyWindowsUser ( System::String domain,  
                  * System::String name  
                  *)
```

Supported by SQL Server. Adds a Windows user to the server. <>

Parameters:

domain Input the Windows domain name
name Input the user name

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void  
AssignRoleOrPrivilege ( System::String name  
                        *  
                        System::String roleC  
                        *  
                        )
```

Supported by Oracle. Assigns a role to the spe
<>

Parameters:

name Input the user name
roleOrPrivilege Input the role name.

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

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System::Void (System::String *name*)
DropUser *

Removes a user from the RDBMS. <>

Parameters:

name Input the user name

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

NAMESPACE_OSGEO_COMMON::StringC
GetDatastores

Gets the list of the datastores. <>

Returns:

Returns the list of datastores <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

NAMESPACE_AUTODESK_FDO_FDO_UT
GetDbUsers

Supported by SQL Server and MySQL. Gets a

Parameters:

dataStore Input the dataStore name

Returns:

Returns the reader <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

NAMESPACE_AUTODESK_FDO_FDO_UT
GetDbUsers

Gets a reader over all RDBMS users. <>

Returns:

Returns the reader <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)

[ApplyWindowsUser](#)

[AssignRoleOrPrivilege](#)

[DropUser](#)

[GetDatastores](#)

[GetDbUsers](#)

[GetDbUsers](#)

[GetRolesOrPrivileges](#)

[GrantAccessToDatastore](#)

[GrantAccessToDatastore](#)

[IUserManager](#)

[RevokeAccessToDatastore](#)

[RevokeRoleOrPrivilege](#)

[SupportsWindowsAuthentication](#)

NAMESPACE_OSGEO_COMMON::StringC
GetRolesOrPrivileges

Gets the list of supported Roles or Privileges. ·

Returns:

Returns the list of supported Roles or Priv

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void  
GrantAccessToDatastore ( System::String name  
                        * System::String dataStore  
                        * System::String roleOrPrivilege  
                        )
```

Supported by SQL Server and MySQL. Grants dataStore with the specified privilege. <>

Parameters:

<i>name</i>	Input the user name
<i>dataStore</i>	Input the dataStore name
<i>roleOrPrivilege</i>	Input the privilege name

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

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```
System::Void  
GrantAccessToDatastore ( System::String name  
                        *  
                        System::String dataStore  
                        *  
                        )
```

Supported by SQL Server and MySQL. Grants explicit access to a dataStore with the default privileges. <>

Parameters:

name Input the user name

dataStore Input the dataStore name

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void  
RevokeAccessToDatastore ( System::String name  
                          *  
                          System::String datastore  
                          *  
                          System::String roleOrPrivilege  
                          *)
```

Supported by SQL Server and MySQL. Revoke privilege against a datastore. If roleOrPrivilege roles or privileges are revoked from the specified SQL Server this will also remove the user from the server.

Parameters:

<i>name</i>	Input the user name
<i>dataStore</i>	Input the dataStore name
<i>roleOrPrivilege</i>	Input the privilege name

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

```
System::Void  
RevokeRoleOrPrivilege ( System::String name  
                        *  
                        System::String role(  
                        *  
                        )
```

Supported by Oracle. Revokes a role from the user. <>

Parameters:

name Input the user name
roleOrPrivilege Input the role name.

Returns:

Returns nothing <.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

System::Boolean
SupportsWindowsAuthentication ()

SQL Server can use Windows authenticated users. <>

Returns:

Returns true if the RDBMS use Windows authenticated users.<.

Returns:

>

[mgIUserManager.h](#)

[AddUser](#)[ApplyWindowsUser](#)[AssignRoleOrPrivilege](#)[DropUser](#)[GetDatastores](#)[GetDbUsers](#)[GetDbUsers](#)[GetRolesOrPrivileges](#)[GrantAccessToDatastore](#)[GrantAccessToDatastore](#)[IUserManager](#)[RevokeAccessToDatastore](#)[RevokeRoleOrPrivilege](#)[SupportsWindowsAuthentication](#)

BEGIN_NAMESPACE_AUTODESK_FDO_
public __gc __interface [IUserManager](#)

Definition at line [35](#) of file [mgIUserManager.h](#)

.NET API Reference

Autodesk FDO Data Management Utility

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Namespace.h

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```
00001  //
00002  // Copyright (C) 2004-2006  Autodesk, Inc.
00003  //
00004  // This library is free software; you can redistribute it and
00005  // modify it under the terms of version 2.1 of the GNU Lesser
00006  // General Public License as published by the Free Software F
00007  //
00008  // This library is distributed in the hope that it will be us
00009  // but WITHOUT ANY WARRANTY; without even the implied warrant
00010  // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See
00011  // Lesser General Public License for more details.
00012  //
00013  // You should have received a copy of the GNU Lesser General
00014  // License along with this library; if not, write to the Free
00015  // Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016
00017 // stdafx.h : include file for standard system include files,
00018 // or project specific include files that are used frequently,
00019 // but are changed infrequently
00020
00021 #pragma once
00022
00023 //-----
00024 // Namespace declaration
00025 //-----
00026 // Autodesk::Fdo
00027 #define BEGIN_NAMESPACE_AUTODESK_FDO namespace Autodesk { name
00028 #define END_NAMESPACE_AUTODESK_FDO }}
00029
00030 // Autodesk::Fdo::Fdo
00031 #define BEGIN_NAMESPACE_AUTODESK_FDO_FDO BEGIN_NAMESPACE_AUTOD
00032 #define END_NAMESPACE_AUTODESK_FDO_FDO }}}
00033
00034 // Utilities
00035 #define BEGIN_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES BEGIN_NAMES
00036 #define END_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES }}}}}
00037
00038 // User Manager
00039 #define BEGIN_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR BEG
00040 #define END_NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR }}}}}
00041
00042 //-----
```

```
00043 // Namespace abbrevative
00044 //-----
00045 // Autodesk::Fdo
00046 #define NAMESPACE_AUTODESK_FDO_FDO Autodesk::Fdo::Fdo
00047
00048 #define NAMESPACE_AUTODESK_FDO_FDO_PROVIDERS NAMESPACE_AUTODES
00049
00050 // Utilities
00051 #define NAMESPACE_AUTODESK_FDO_FDO_UTILITIES NAMESPACE_AUTODES
00052 #define NAMESPACE_AUTODESK_FDO_FDO_UTILITIES_USERMGR NAMESPACE
```

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```
00001  //
00002  // Copyright (C) 2004-2006  Autodesk, Inc.
00003  //
00004  // This library is free software; you can redistribute it and
00005  // modify it under the terms of version 2.1 of the GNU Lesser
00006  // General Public License as published by the Free Software F
00007  //
00008  // This library is distributed in the hope that it will be us
00009  // but WITHOUT ANY WARRANTY; without even the implied warrant
00010  // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See
00011  // Lesser General Public License for more details.
00012  //
00013  // You should have received a copy of the GNU Lesser General
00014  // License along with this library; if not, write to the Free
00015  // Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016
00017  //{{NO_DEPENDENCIES}}
00018  // Microsoft Visual C++ generated include file.
00019  // Used by mgUserMgr.rc
00020
00021  // Next default values for new objects
00022  //
00023  #ifdef APSTUDIO_INVOKED
00024  #ifndef APSTUDIO_READONLY_SYMBOLS
00025  #define _APS_NEXT_RESOURCE_VALUE        101
00026  #define _APS_NEXT_COMMAND_VALUE         40001
00027  #define _APS_NEXT_CONTROL_VALUE         1001
00028  #define _APS_NEXT_SYMED_VALUE           101
00029  #endif
00030  #endif
```

[Comments?](#)

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Stdafx.h

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```
00001 //
00002 // Copyright (C) 2004-2006 Autodesk, Inc.
00003 //
00004 // This library is free software; you can redistribute it and
00005 // modify it under the terms of version 2.1 of the GNU Lesser
00006 // General Public License as published by the Free Software F
00007 //
00008 // This library is distributed in the hope that it will be us
00009 // but WITHOUT ANY WARRANTY; without even the implied warrant
00010 // MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See
00011 // Lesser General Public License for more details.
00012 //
00013 // You should have received a copy of the GNU Lesser General
00014 // License along with this library; if not, write to the Free
00015 // Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA
00016
00017 // stdafx.h : include file for standard system include files,
00018 // or project specific include files that are used frequently,
00019 // but are changed infrequently
00020
00021 #pragma once
00022
00023 #define _CRT_SECURE_NO_DEPRECATED
00024
00025 #include <vcclr.h>
00026 #include <Common\FdoTypes.h>
00027
00028 #include "CommonNamespace.h"
00029 #include "CommonUtilities.h"
00030 #include "Namespace.h"
00031
00032 #using <mscorlib.dll>
00033 #using <System.dll>
00034
00035 #using <OSGeo.FDO.Common.dll>
00036 #using <OSGeo.FDO.dll>
00037
00038 using namespace System;
00039 using namespace System::Collections;
00040
00041 #ifndef NULL
00042     #define NULL 0
```

00043 #endif

[Comments?](#)

[Stdafx.h](#)

```
#define  
_CRT_SECURE_NO_DEPRECATED _CRT_SECURE_NO_DEPRECATED  
NULL
```

Definition at line [23](#) of file [Stdafx.h](#).

[Stdafx.h](#)

[_CRT_SECURE_NO_DEPRECATED](#)
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#define NULL 0

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